

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

4555-107 US

Application Number

09/707,892

Applicant(s)

Robert H. Austin et al.

Filing Date

November 6, 2000

Group Art Unit

TBD

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
pub		5,427,663	6/27/95	Austin et al.	204	180.1	6/8/93
pub		5,605,662	11/1/93	Heller et al.	422	68.1	11/1/93
pub		6,051,380	4/18/2000	Sosnowski et al.	435	6	12/5/97
pub		6,071,394	6/6/2000	Chang et al.	204	547	1/30/98
pub		6,117,660	9/12/00	Walters et al.	435	173.6	6/10/96



## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

pub		Pethig, R., Dielectrophoresis: "Using Inhomogeneous AC Electrical fields to Separate and Manipulate Cells", Critical Reviews in Biotechnol, 1996, Vol. 16, Iss 4, pp. 331-348.
pub		Rousselet, J., et al., "Directional Motion of Brownian Particles Induced by a Periodic Asymmetric Potential", Nature (London) 1994, pp. 370, 446-448.

EXAMINER

*Kevin Born*

DATE CONSIDERED

7/16/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

4555-107 US

Application Number

09/707,892

Applicant(s)

Robert H. Austin, et al.

Filing Date

November 6, 2000

Group Art Unit

TBD

\*EXAMINER  
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Green, N.G. et al., "Dielectrophoresis of Submicrometer Latex Spheres. 1. Experimental Results", Journal of Physical Chemistry B, 1999, Vol. 3, Issue 1., pp. 41-50.

Markx, G.H. et al. "Separation of Viable and Non-Biable Yeast Using Dielectrophoresis", Journal of Biotechnology, 1994, Vol. 32, pp. 29-37.

Morgan, H. et al., "Separation of Submicron Bioparticles by Dielectrophoresis, Biophysical Journal, Vol. 77, July 1999, pp. 516-525.

Yang, J., Gascoyne PRC Cell Separation on Microfabricated Electrodes Using Dielectrophoric/Gravitational Field Flow Fractionation", Analytical Chemistry, Vol. 71, Number 5, March 1999, pp. 911-918.

Washizu, M., et al. "Electrostatic Manipulation of DNA in Microfabricated Structures", IEEE Transactions on Industry Applications, Vol. 26, No. 6, November/December 1990, pp. 1165-1172.

Washizu, M., et al. "Molecular Dielectrophoresis of Biopolymers", IEEE Transactions on Industry Applications, Vol. 30, No. 4, July/August 1994. pp. 835-843.

Washizu, M., et al. "Applications of Electrostatic Stretch-and-Positioning of DNA", IEEE Transactions on Industry Applications, Vol. 31, No. 3, May/June 1995, pp. 447-456.

Asbury, C.L., et al. "Trapping of DNA in Nonuniform Oscillating Electric Fields", Biophysical Journal, Vol. 74, February 1998, pp. 1024-1030.

Gorre-Talini, L. et al., "Dielectrophoretic Ratchets", Chaos, Vol. 8, No. 3, September 1998, pp. 650-656.

Becker, Frederick F., et al., "Separation of Human Breast Cancer Cells From Blood by Differential Dielectric Affinity, Procedures of the National Academy of Science USA, Vol. 92, January 1995, pp. 860-864.

Yue, Vincent, et al., "Miniature Field-Flow Fractionation System for Analysis of Blood Cells", Clin. Chem 40/9, 1994, pp. 1810-1814.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.